

PF030050

-1-

17 March 2003

\*Li

**Method for identification of tokens in video sequences**

For identification of tokens in video sequences, first the sequence is scanned for boundaries between consecutive parts of the sequence, where appearance of the tokens is expected. After that, candidate regions are pre-selected and classified in parts of the video sequence adjacent to detected boundaries, and tokens are located in the candidate regions. Information carried on the tokens is located, interpreted and merged into consistent sets of information after passing a confidence analysis. In parallel, changes in the visual appearance of the token signaling a special event are detected.

15 Fig. 1